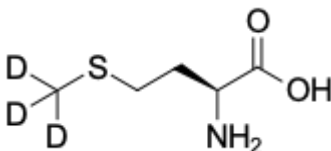


## L-Methionine (S-methyl-d3)

<http://www.lumiprobe.com/pl-l-methionine-s-methyl-d3>

L-methionine (S-methyl-d3) is the deuterium labeled amino acid with application in labeling for NMR spectroscopy and research of proteins and peptides structure and dynamics.



**Structure of L-Methionine (S-methyl-d3)**

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### General properties

Appearance: white powder

Molecular weight: 152.23

CAS number: 13010-53-2

Molecular formula: C<sub>5</sub>H<sub>8</sub>D<sub>3</sub>NO<sub>2</sub>S

IUPAC name: (2S)-2-amino-4-(trideuteriomethylsulfanyl)butanoic acid

Solubility: in water

Quality control: NMR <sup>1</sup>H and HPLC-MS (95+ %, D: 98+ %)

Storage conditions: 24 months after receipt at -20°C in the dark. Transportation: at room temperature for up to 3 weeks. Desiccate.

Legal statement: This Product is offered and sold for research purposes only. It has not been tested for safety and efficacy in food, drug, medical device, cosmetic, commercial or any other use. Supply does not express or imply authorization to use for any other purpose, including, without limitation, in vitro diagnostic purposes, in the manufacture of food or pharmaceutical products, in medical devices or in cosmetic products.